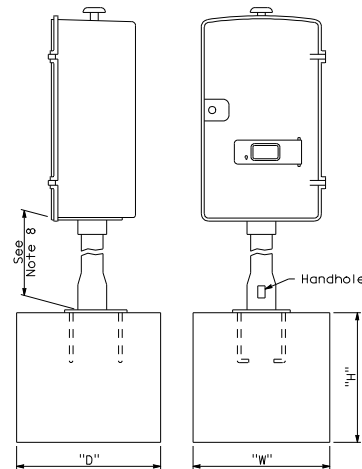
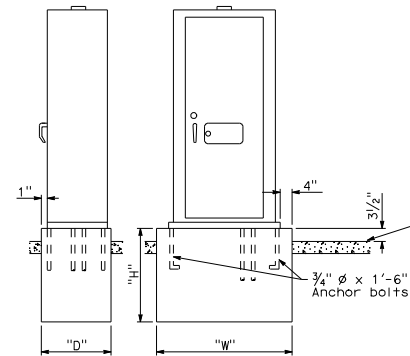


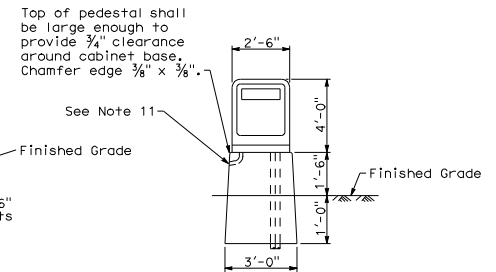
1. Cabinet dimensions are nominal.
2. Foundations shall be located to provide 2'-0" minimum clearance between face of curb and any portion of cabinet.
3. Type G, M, P, R, S and Model 336 cabinets shall be installed with the back toward the nearest lane of traffic.
4. The controller cabinet ground bus shall be bonded to the controller equipment enclosure.
5. In unpaved areas, a raised portland cement concrete pad shall be constructed in front of each controller cabinet. Pad shall be 3'-0" x 3'-0" x 4" for Type G cabinets and shall be 3'-0" x 4" thick x width of foundation for Types M, P, R, S and Model 336 cabinets.
6. In unpaved areas, the top of foundation for Type G, P, R and S cabinets shall be 6" above surrounding grade. Top of foundation for Type M or Model 336 cabinet shall be 1'-6" above surrounding grade.
7. In sidewalks and other paved areas, top of foundation for Type G cabinet shall be level with surrounding grade. Top of foundation for Type P, R and S cabinets shall be 3 1/2" above surrounding grade.
8. The steel pedestal, base plate, bolt circle and foundation for Type G cabinet shall be the same as that shown for a Type I-C Standard. Pedestal shall be 2'-1" to 2'-6" in length. Anchor bolts shall be 3/4" ϕ x 1'-6" with a 2" - 90° bend. Four bolts required per cabinet.
9. Type G cabinet shall be provided with a slipfitter to permit mounting an 4 1/2" outside diameter pedestal. Slipfitter shall be bolted to bottom of the cabinet.
10. Type G cabinet shall be provided with 8 screened, raintight holes, 1/2 diameter or larger, in the bottom of the cabinet.
11. A 1" drain shall be provided through the foundation of a Type M or Model 336 cabinet. Drain pipe shall be screened.
12. See Table for cabinet and foundation dimensions; "D" = Depth, "H" = Height and "W" = Width.
13. Cabinet shelves shall be adjustable for vertical spacing and shall be removable. Type M, P, R and S cabinets shall be provided with a minimum of two shelves.
14. Anchor bolts for Type M, P, R, S and Model 336 cabinets shall be 3/4" ϕ x 1'-6" with a 2" - 90° bend.
15. An approved mastic or caulking compound shall be placed on the foundation prior to placing the cabinet to seal openings between bottom of cabinet and foundation.
16. Controller units, plug-mounted equipment, shelf-mounted equipment and wall-mounted equipment shall be located to permit safe and easy removal or replacement without removing any other piece of equipment.
17. Cabinet fan may be installed at an alternate location near the top of the cabinet when approved by the Engineer.
18. Where telephone interconnect is required, a minimum of 5" clear vertical space shall be provided inside the cabinet for the equipment.
19. Telephone interconnect conductors shall be enclosed in a 3/4" C or larger conduit through the foundation. Type 4 conduit shall be used to separate telephone and power conductors in cabinets and pedestals.
20. For Model 332, 334 and 336 cabinet details, see "Traffic signal controller equipment specifications".



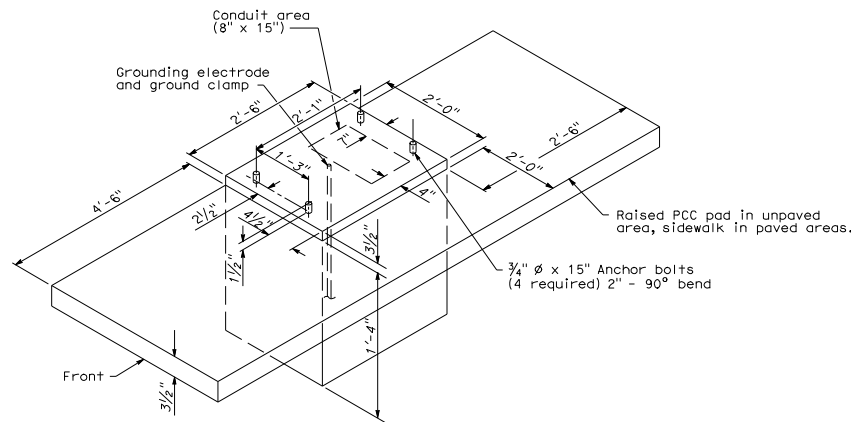
FOUNDATION FOR
TYPE G CABINET



FOUNDATION FOR
TYPE P, R AND S CABINETS



PEDESTAL FOUNDATION
FOR TYPE M OR
MODEL 336 CABINET



FOUNDATION DETAILS

For Model 332 and 334 cabinets

CABINET	FOUNDATION		
TYPE MODEL	H	W	D
G	3'-0"	2'-0"	2'-0"
M 336	2'-6"	3'-0"	1'-1"
P	1'-6"	4'-2"	2'-6"
R	1'-6"	4'-2"	2'-6"
S	1'-6"	4'-2"	2'-6"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS
(CONTROLLER CABINET
DETAILS)**

NO SCALE

ES - 3C